

6-27-01

Examiner Mailing Certificate No. EG545877105US

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. MSC-23314-1

First Inventor or Application Identifier

Jeanne L. Crews et al.

Title Flexible Multi-Shock Shield

Express Mail Label No. EG545877105US

11000 U.S. PTO  
1009/8/2001  
06/26/01**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Specification [Total Pages 24]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3.  Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
4. Oath or Declaration [Total Pages 2]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)
    - i.  DELETION OF INVENTOR(S)
      - Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

\*NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO A SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment.

 Continuation  
 Prior application information.  Divisional  
 Examiner  Continuation-in-part (CIP)
of prior application No: \_\_\_\_\_  
Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17 CORRESPONDENCE ADDRESS** Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or  Correspondence address below

Name	NASA Johnson Space Center PATENT TRADEMARK OFFICE			
	Attn: James M. Cate, Mail Code HA			
Address	2101 NASA Road One Houston, Texas 77058			
City	Houston	State	Texas	Zip Code
Country	USA	Telephone	281-483-1001	Fax 281-244-8452

Name (Print/Type)	James M. Cate	Registration No. (Attorney/Agent)	25,181
Signature	<i>James M. Cate</i>		Date <i>June 26, 2001</i>

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.  
 (This Form Electronically Generated (9/98))

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

1006.00

## Complete if Known

Application Number	
Filing Date	6/26/01
First Named Inventor	Jeannie L. Crews
Examiner Name	
Group Art Unit	
Attorney Docket No.	MSC-23314-1

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

National Aeronautics &  
Space Administration Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17 Applicant claims small entity status.  
See 37 CFR 1.27

2.  Payment Enclosed:

 Check     Credit card     Money Order     Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	710	Utility filing fee	710.00
106	320	Design filing fee	
107	490	Plant filing fee	
108	710	Reissue filing fee	
114	150	Provisional filing fee	

SUBTOTAL (1) (\$)

710.00

## 2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
32	4		-20** =	12	18 = 216
			- 3** =	1	80 = 80
					= 296

## Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103	18	Claims in excess of 20
102	80	Independent claims in excess of 3
104	270	Multiple dependent claim, if not paid
109	80	** Reissue independent claims over original patent
110	18	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

296.00

\*For number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	Surcharge - late filing fee or oath	
127	50	Surcharge - late provisional filing fee or cover sheet	
139	130	Non-English specification	
147	2,520	For filing a request for ex parte reexamination	
112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	Requesting publication of SIR after Examiner action	
115	110	Extension for reply within first month	
116	390	Extension for reply within second month	
117	890	Extension for reply within third month	
118	1,390	Extension for reply within fourth month	
128	1,890	Extension for reply within fifth month	
119	310	Notice of Appeal	
120	310	Filing a brief in support of an appeal	
121	270	Request for oral hearing	
138	1,510	Petition to institute a public use proceeding	
140	110	Petition to revive - unavoidable	
141	1,240	Petition to revive - unintentional	
142	1,240	Utility issue fee (or reissue)	
143	440	Design issue fee	
144	600	Plant issue fee	
122	130	Petitions to the Commissioner	
123	50	Processing fee under 37 CFR 1.17(q)	
126	180	Submission of Information Disclosure Stmt	
581	40	Recording each patent assignment per property (times number of properties)	
146	710	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	Request for Continued Examination (RCE)	
169	900	Request for expedited examination of a design application	
Other fee (specify) _____			

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	James M. Cate	Registration No. (Attorney/Agent)	25,181	Telephone	281-483-1001
Signature	JM Cate			Date	June 26, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

NASA CASE NO. MSC-23314-1

Patent Application

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	Daniel S. Goldin	) Group Art
		) Unit:
First Named Inventor:	Jeanne L. Crews	)
		)
Serial No.:		)
		)
Filed :	June 26, 2001	)
		)
For:	Flexible Multi-Shock Shield	)
		)
		)

Letter

Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Sir:

The enclosed application is being filed in accordance with Rules 1.10 and 1.53(b) in order to obtain a filing date of June 26, 2001. The application is being sent by Express Mail "Post Office to Addressee" under Certificate EG545877105US.

Respectfully submitted,

*James M. Cate*  
James M. Cate, Reg. No. 25,181  
Attorney for Applicant

Houston, Texas 77058  
Telephone: 281-483-1001 or 281-483-4871  
Datafax: 281-244-8452

I hereby certify that the attached application "Flexible Multi-Shock Shield," is being deposited with the United States Postal Service on June 26, 2001, as Express Mail "Post Office to Addressee" under Certificate No. EG545877105US in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

*James M. Cate*  
\_\_\_\_\_  
James M. Cate